

**EXECUTION COPY**

PATENT ASSIGNMENT**by and between****LUCENT TECHNOLOGIES INC.****and****AGERE SYSTEMS GUARDIAN CORP.****Dated as of January 30, 2001****BEST AVAILABLE COPY**

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of January 30, 2001 (the "Effective Date"), is by and between Lucent Technologies Inc., a Delaware corporation, with offices at 600 Mountain Avenue, Murray Hill, New Jersey 07974, United States of America, ("ASSIGNOR") and Agere Systems Guardian Corp., a Delaware corporation, with offices at 555 Union Boulevard, Allentown, PA 18109, United States of America ("Agere Systems Guardian").

RECITALS

A. WHEREAS, the Board of Directors of ASSIGNOR has determined that it is in the best interests of ASSIGNOR and its stockholders to separate ASSIGNOR's existing businesses into two independent businesses;

B. WHEREAS, ASSIGNOR presently owns or controls certain patents, patent applications, and invention submissions listed in the attached Appendices A and B (hereinafter "TRANSFERRED PATENTS") and;

C. WHEREAS, in furtherance of the foregoing separation, ASSIGNOR desires to transfer, assign, convey, deliver and vest all of its interests and rights in TRANSFERRED PATENTS for all countries, jurisdictions and political entities of the world, to and in Agere Systems Guardian;

NOW, THEREFORE, in consideration of the premises and for other good and valid consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNOR, subject to existing rights and licenses of third parties, does hereby assign, convey, transfer and deliver, and agrees to assign, convey, transfer and deliver to Agere Systems Guardian, its successors, assigns and legal representatives or nominees, ASSIGNOR's entire right, title and interest, for all countries, jurisdictions and political entities of the world, along with the right to sue for past infringement, to all TRANSFERRED PATENTS listed on Appendices A and B, and corresponding counterpart foreign patents and patent applications, with respect to which, and to the extent to which, ASSIGNOR now has or hereafter acquires the right to so assign, convey, transfer and deliver. Agere Systems Guardian recognizes that ASSIGNOR holds only bare legal title to the TRANSFERRED PATENTS listed in Appendix A (which lists the United States Patents and patent applications previously exclusively licensed to Lucent Technologies Microelectronics Guardian Corp.).

ASSIGNOR and ASSIGNEE recognize that the patents listed in Appendices A and B may inadvertently include patents that are owned by various subsidiaries of ASSIGNOR, including Agere, Inc., Ortel Corporation, Optimay Corporation, Herrmann Technology, Inc., and Enable Semiconductor, Inc. Ownership of such patents shall not be affected by this Patent

Assignment, and ASSIGNEE agrees that any such patents shall be deemed deleted from Appendices A and B.

ASSIGNOR agrees that, upon request it will, at any time without charge to Agere Systems Guardian, but at Agere Systems Guardian's expense, furnish all necessary documentation relating to or supporting chain of title, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for vesting title to TRANSFERRED PATENTS in Agere Systems Guardian, its successors, assigns and legal representatives or nominees; including but not limited to any acts which may be necessary, desirable or convenient for claiming said rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in Agere Systems Guardian and its respective successors, assigns and legal representatives or nominees.

IN WITNESS WHEREOF, the parties have caused this PATENT ASSIGNMENT to be executed by their duly authorized representatives as of the Effective Date.

LUCENT TECHNOLOGIES INC.

By: 

Daniel P. McCurdy
President, Intellectual Property Business

AGERE SYSTEMS GUARDIAN CORP.

By: 

Fred M. Romano
President

ACKNOWLEDGMENTS

STATE OF NEW JERSEY)

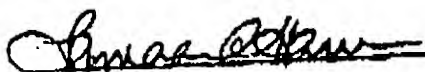
: ss:

COUNTY OF SOMERSET)

I CERTIFY that on January 30, 2001, Daniel P. McCurdy personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as President - Intellectual Property Business of Lucent Technologies Inc.; and

b.) this Patent Assignment was signed and made by Lucent Technologies Inc. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name

TAMORA ANNE HANNA

Notary Public

Notary Public of New Jersey

My Commission Expires

Registered in Hunterdon County

[Notarial Seal]

My Commission Expires March 25, 2002

STATE OF FLORIDA)

: ss:

COUNTY OF ORANGE)

I CERTIFY that on January 31, 2001, Fred M. Romano personally came before me and this person acknowledged under oath, to my satisfaction that:

a.) this person signed, sealed and delivered the attached Patent Assignment as Vice President of Agere Systems Guardian Corp.; and

b.) this Patent Assignment was signed and made by Agere Systems Guardian Corp. as its voluntary act and deed by virtue of authority from its Board of Directors.



Name

Notary Public

My Commission Expires:

[Notarial Seal]



APPENDIX B (continued)
Transferred Patents

Case Name	Filing Date	Issue Date	Patent No.	Serial No.
Goldovsky 8	8/7/2000		09/833795	
Gong 1-4-2	9/28/1998		09/161590	
Gopinathan 5-2	2/29/2000			09/515533
Gorti 2-2	8/21/2000		09/841910	
Gossmann 10-11	11/3/2000		09/706318	
Gossmann 8-4	1/30/1998		09/015981	
Gossmann 8-9	6/23/1999	4/26/2000	6054342	09/339306
Gould-Choquette 1-79	3/3/2000			09/517965
Gould-Choquette 2-52-72	1/12/2000			09/481190
Goyal 8	4/12/2000			09/547732
Grabbe 5-5-5	4/13/1999	12/7/1999	5999681	09/290740
Graebner 8-84-34	7/21/1994		08/278688	
Granahan 1-20-12	3/8/2000			09/520506
Green 28-4	6/16/1988		09/098052	
Greenberg 4-15	4/18/1994		08/229857	
Greenberg 6	1/7/1999			09/226857
Greenberg 7	5/5/1998		09/073167	
Greenberg 8	5/5/1999			09/305732
Greenberger 10	4/21/2000			09/556760
Greenberger 10	4/21/2000			09/556780
Greenberger 7-3-13	11/3/1997	7/18/2000	6082179	
Greenberger 9	6/14/1999			09/333071
Greenwood 2-5-11	8/28/1998		09/140674	
Gregor 13-15-7	4/28/1997		08/848114	
Gregor 17-21-47-12	4/16/1998		08/061558	
Gregor 19-28	10/20/1998			09/175558
Gregor 23-3-20-15	3/31/1999			09/281842
Gregor 24-4-21-16	3/31/1999			09/281907
Gregor 25-40-17	6/8/1999			09/327611
Gregor 27-38-60-22-81	1/10/2000			09/480224
Greybush 5	8/31/1999			09/386307
Green 1-1	8/2/2000		09/830494	
Gross 10	9/15/1997		08/929817	
Gross 11-1	8/28/1998		09/143037	
Gross 12	12/23/1998		08/771810	
Gross 12	5/10/2000			09/568265
Gross 13	1/22/1998		09/010872	
Gross 15	2/4/1998	3/7/2000	6034631	
Gross 16	9/18/1998		09/153183	
Gross 17	9/16/1998		09/153184	
Gross 18	2/23/1999			09/255988
Gross 19-3	6/24/1999			09/339195
Gross 20-10	9/21/1999			09/400302
Gross 21	9/18/2000		09/683852	
Grundvig 10-7	4/10/1998		09/058191	
Grundvig 12-1	9/30/1998		09/163420	
Grundvig 15-7-8-4	12/23/1998			09/219799
Grundvig 17-11-18-5	8/31/1999			09/386515
Grundvig 18	9/24/1999			09/404798
Grundvig 20-14-28-4	9/24/1999			09/404807
→ Grundvig 23	3/21/2000			09/532020
Grundvig 4	5/20/1998		09/082216	
Gupta 1-2	2/16/2000			09/505762
Gutta 3-1-9	8/26/1998		09/140673	
Gutta 4-2-10	8/26/1998		09/140672	
Guziak 4	1/25/1999			09/237268
Haas 1-1-17	5/14/1999			09/311631
Haas 2-2-20	5/14/1999			09/311633
Haas 3-1-1	10/22/1999			09/425590
Hamm 11-13-8-8-8	9/15/1999			09/396035

Delaware

PAGE 1

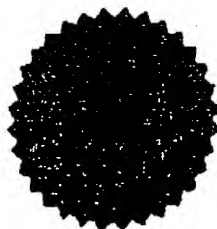
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"AGERE SYSTEMS GUARDIAN CORP.", A DELAWARE CORPORATION,
WITH AND INTO "AGERE SYSTEMS INC." UNDER THE NAME OF "AGERE SYSTEMS INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF AUGUST, A.D. 2002, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2002.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

3268412 8100M

020545223

AUTHENTICATION: 1959517

DATE: 08-29-02

CERTIFICATE OF OWNERSHIP AND MERGER

OF

Agere Systems Guardian Corp.
(a Delaware corporation)

INTO

Agere Systems Inc.
(a Delaware corporation)

**UNDER SECTION 253 OF THE GENERAL
CORPORATION LAW OF THE STATE OF DELAWARE**

Agere Systems Inc., a corporation organized and existing under the laws of Delaware ("Corporation"), DOES HEREBY CERTIFY:

FIRST: The Corporation is the owner of all of the outstanding shares of common stock of Agere Systems Guardian Corp., which is also a business corporation of the State of Delaware.

SECOND: On August 22, 2002 the Subsidiary Governance Committee of the Board of Directors of the Corporation adopted the following resolution to merge Agere Systems Guardian Corp. into the Corporation:

RESOLVED that Agere Systems Guardian Corp., a Delaware corporation, shall be merged with and into Agere Systems Inc., a Delaware corporation, with Agere Systems Inc. being the surviving corporation, and Agere Systems Inc. shall thereupon assume all of the obligations of Agere Systems Guardian Corp."

THIRD: That the merger authorized hereby shall become effective as of 9:00 a.m. Eastern Standard Time on August 31, 2002.

Executed on August 22, 2002

AGERE SYSTEMS INC.

By Paul Bento
Paul Bento, Vice President

GENERAL APPOINTMENT OF AGENT**AND****POWER OF ATTORNEY**

Agere Systems Inc., for itself and its subsidiaries, and as successor in interest to patents of Agere Systems Inc., hereby appoints:

Ian M. Hughes, Reg. No. 41,083
Mark Kurisko, Reg. No. 38,944
Marie MacNichol, Reg. No. 35941
Scott W. McLellan, Reg. No. 30,776
David L. Smith, Reg. No. 30,592
Lloyd Sadler, Reg. No. 40,154
John P. Veschi, Reg. No. 39,058
David A. Sasso, Reg. No. 43,084
Chad Hilyard, Reg. No. 40,647

as agents and attorneys to act on Agere Systems Inc.'s behalf before any competent National and International Authorities in connection with any and all patents and patent applications filed by Agere Systems Inc., its wholly-owned subsidiaries or its predecessors, or otherwise issued or pending in the name of Agere Systems Inc. or any of its wholly-owned subsidiaries or predecessors, with the power to further appoint agents, and grant powers of attorney in connection therewith.

Agere Systems Inc.

By: J. P. Veschi
John P. Veschi
Vice President - Intellectual Property & Law

Date: November 4, 2005

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Agere Systems Inc.Application No./Patent No./Control No.: 09/532,020 Filed/Issue Date: March 21, 2000Entitled: Unbalanced Coding for Cordless TelephonyAgere Systems Inc., a Corporation

(Name of Assignee)

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Inventor(s) To: Lucent Technologies Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 010683, Frame 0820, or for which a copy thereof is attached.
2. From: Lucent Technologies Inc. To: Agere Systems Guardian Corp.
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: Agere Systems Guardian Corp. To: Agere Systems Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

William H. Bollman
Signature

May 25, 2006

Date

William H. Bollman202-261-1000

Printed or Typed Name

Telephone Number

Attorney of Record

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☒ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.